

Converting Colors

Hex(786F77)

Have a look what the booklet for
Hex(786F77) contains.

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Color

Hex(786F77)

Conversions

Conversions Part 1

Format	Color
Hex	786F77
RGB	120, 111, 119
RGB Percent	47%, 44%, 47%
CMY	0.5294, 0.5647, 0.5333
CMYK	0.00, 0.07, 0.01, 0.53
HSL	307°, 4%, 45%
HSV	307°, 7%, 47%
XYZ	16.7599, 16.6939, 19.7917
YIQ	114.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

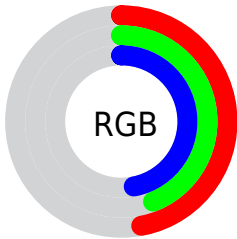
Format	Color
R_{YB}	120, 111, 119
Decimal	7892855
CIE _{Lab}	47.87, 5.07, -3.17
CIE _{LCh}	48, 5.979, 327.994
Yxy	16.6939, 0.3148, 0.3135
Android (android.graphics.Color)	4286082935 (0xFF786F77)
YUV	114.6030, 2.1677, 4.7332
Hunter-Lab	40.8581, 1.7187, -0.1194

Details

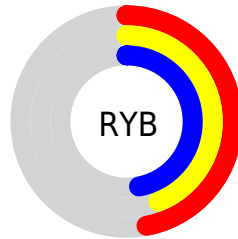
The Hex color **786F77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7870**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **ACA3AB**, and **483F47** is the 20% darker color. If you saturate the color by 10%, you get **786376**, and if you desaturate by 10%, it is **787B78**.

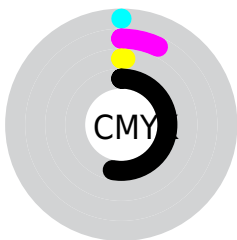
Distribution



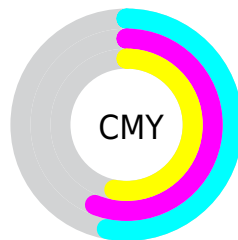
- Red (47%)
- Green (44%)
- Blue (47%)



- Red (47%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786F77 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 786F77 by changing the saturation by 10% instead.



786F77



786F77

FFFFFF



5F575E



ACA3AB



483F47



C8BEC6



312930



E4D9E2



1C151C



FFF6FF



000000



786F77



786F77



786376



787B78



785774



78877A



784B73



78937B

■ 783F72

■ 789F7C

■ 783370

■ 78AB7E

■ 78276F

■ 78B77F

■ 781B6E

■ 78C380

■ 780F6C

■ 78CF82

■ 78036B

■ 78DB83

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72707A



786F77



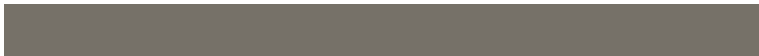
7C6E72

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



786F77



767168



657476

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



786F77



6F7870

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



677571



786F77



717369

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



786F77



7B7069



6B746C



67747A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



786F77



7D6E6F



6B746C



657574

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



786F77



9C989B



706F78



4F4D4F



CFCFCF



4F4F4F

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



786F77



9C8E9A



786F73



3D373D



7D006F



FC00E0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



786F77



9C8E9A



6F7874



3D373D



7D006F



FC00E0

Previews

White Background



This preview shows how the Hex color 786F77 looks on a white background.

Color Contrast Check

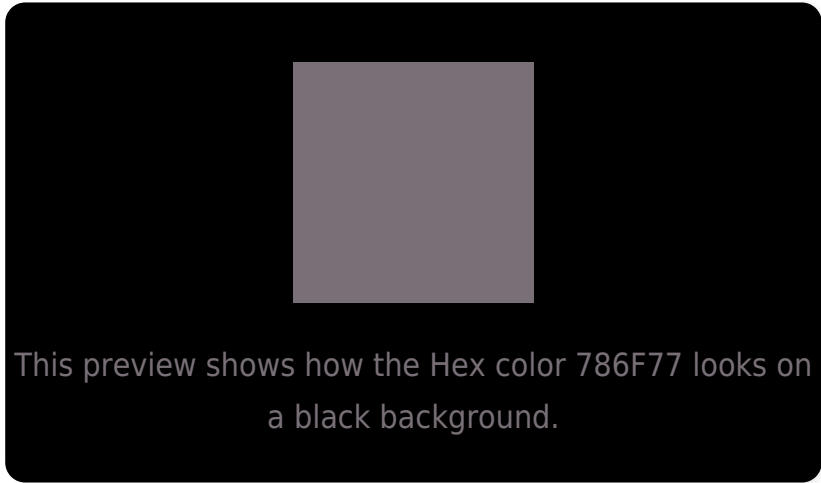
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

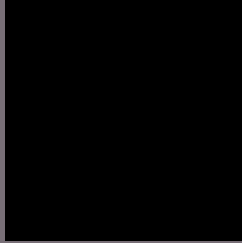
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 786F77 Background



This preview shows how black text looks on a background with the Hex color 786F77.



This preview shows how white text looks on a background with the Hex color 786F77.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
786F77

Protanopia
727178

Deuteranopia
7A6E77



Tritanopia
786F78

Trichromacy



Original Color

786F77

Protanomaly

747078

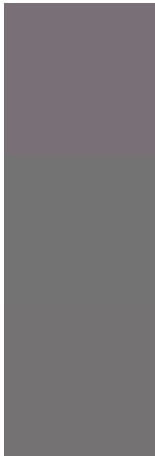
Deuteranomaly

796E77

Tritanomaly

786F78

Monochromacy



Original Color

786F77

Achromatopsia

737373

Achromatomaly

757274

CSS Examples

Text

The CSS property to change the color of the text to Hex 786F77 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #786F77 looks like.

```
.text, #text, p{  
    color:#786F77  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #786F77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786F77
}
```

Border

The CSS property to change the border of an element to Hex 786F77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#786F77 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#786F77 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #786F77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786F77; -webkit-box-shadow:4px 4px  
4px 4px #786F77; box-shadow:4px 4px 4px  
4px #786F77 }
```

Background

The CSS property to change the background color of an element to Hex 786F77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786F77 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#786F77 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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